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CEL23-26AUSA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

) Group Art Unit: 1651

James L. Gaddy et al

) Examiner:

Appln. No.: 10/053,195

)

Filed: January 16, 2002

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For: IMPROVED PROCESS, AND
IMPROVED SOLVENTS USEFUL IN
THE CONVERSION OF GASES INTO
USEFUL PRODUCTS

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Commissioner for Patents
Washington, DC 20231

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INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit to the Examiner the attached Forms PTO/SB/08A/B document listings and this paper pursuant to 37 CFR §1.56 and § 1.97-1.98. Forms PTO/SB/08A/B and this paper identify documents previously cited in the parent application, US Patent Application No. 09/786,544, filed March 7, 2001, now US Patent No. 6,368,819, issued April 9, 2002.

According to 37 CFR § 1.98(d), Applicants have not enclosed copies of any US patents, publications or other documents listed herein, except for document (AF), which listed items were previously cited by or submitted to the United States Patent and Trademark Office in parent US Patent Application No. 09/786,544, filed March 7, 2001. The parent patent application is relied upon herein for an earlier priority date under 35 USC § 120.

Listed below are relevant documents cited in the International Search Report mailed on December 27, 1999 in the related International Patent Publication No. WO 00/14052, published March 16, 2000. A copy of that Report is enclosed.

- (AA) US Patent No. 4,720,577, issued January 19, 1988;
- (AB) US Patent No. 5,593,886, issued January 14, 1997; and
- (AC) US Patent No. 5,254,465, issued October 19, 1993.

The month of publication for documents (AR), (AS), and (AU) could not be determined. The years of publication for these documents are sufficiently earlier than the effective US filing date and/or the foreign priority date of the present application so that the particular month of publication of the documents is not in issue (MPEP 609).

The Examiner is respectfully requested to consider the enclosed documents during the course of the examination of this application.

This Information Disclosure Statement is submitted three months from the filing date of this application, and before the receipt of a first Office Action on the merits. Therefore, no fees or declarations are necessary. The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Respectfully submitted,

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PTO/SB/08A (08-00)

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Application Number	10/053,195				
Filing Date	January 16, 2002				
First Named Inventor	Gaddy et al.				
Group Art Unit	1651				
Examiner Name					
Sheet	1	of	2	Attorney Docket Number	CEL23-26AUSA

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AA	4,720,577	B1		B. Wojtech	01/19/1988	
AB	5,593,886	B1		J. Gaddy	01/14/1997	RECEIVED
AC	5,254,465	B1		D. Wise	10/19/1993	APR 17 2002
AD	5,254,665	B1		G. Crews	10/19/1993	TECH CENTER 1600/2900
AE	5,173,429	B1		J. Gaddy	12/22/1992	
AF	6,340,581	B1		J. Gaddy	01/22/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AL	WO	WO98/00558	A1		J. Gaddy	01/08/1998		

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name					
Sheet	2	of	2	Attorney Docket Number	CEL23-26AUSA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS						
Examiners Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	AR	J. VEGA et al, "The Biological Production of Ethanol from Synthesis Gas", Applied Biochemistry and Biotechnology, 20/21:781-797 (1989)				
	AS	J. VEGA et al, "Study of Gaseous Substrate Fermentations: Carbon Monoxide Conversion to Acetate. 2. Continuous Culture", Biotechnology and Bioengineering, 34:785-793 (1989)				
	AT	K. KLASSON et al, "Bioconversion of Synthesis Gas into Liquid or Gaseous Fuels", Enzyme Microb. Technol., 14:602-608 (August, 1992)				
	AU	K. KLASSON et al, "Biological Production of Liquid and Gaseous Fuels from Synthesis Gas", Applied Biochemistry and Biotechnology, 24/25:857-873 (1990)				

Examiner Signature		Date Considered	
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